

**REMARKS**

The Applicant requests reconsideration of the rejection.

Claims 1-3, 6-8, 10 and 12 remain pending.

Claims 1-12 stand rejected under 35 USC §112, second paragraph, as being indefinite for the reasons set forth on page 2 of the Office Action. Specifically, the Examiner found a lack of clarity in claim 1 with regard to the control circuit inputs and function, and with regard to the ALU; and in claim 8 with regard to the provision of the arithmetic circuit. Both claims 1 and 8 were found indefinite with regard to the structure and function of the arithmetic circuit.

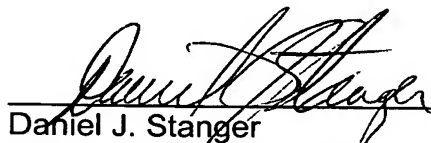
In reply, claim 1 has been amended to include the subject matter of claims 4 and 5, and to clarify the language deemed ungrammatical by the Examiner. Claim 8 has been amended to include the subject matter of claims 9 and 11, and to clarify the language deemed ungrammatical. Therefore, the Applicant believes that all claims are now definite, and in condition for allowance.

In view of the foregoing amendments and remarks, the Applicant requests reconsideration of the rejection and allowance of the claims.

To the extent necessary, the Applicant petitions for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Mattingly, Stanger, Malur & Brundidge, P.C., Deposit Account No. 50-1417 (referencing attorney docket no. ASA-1223).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

  
Daniel J. Stanger  
Registration No. 32,846

DJS/sdb  
(703) 684-1120